

BMW M5 Sedan (DATE 11/2024)	
The BMW Group is committed to sustainable principles and is therefore taking proactive measures to avoid certain chemicals in the production of our vehicles. Due to that only substances that are technically required in the product are still contained. The substances are incorporated in such a way that potential exposure to the customers is minimised, and danger for humans or the environment can be excluded as long as the vehicle and its parts are used as intended, and any repairs, servicing and maintenance are carried out following technical instructions for those activities, and industry standard good practices. Safe use of the product is described in the owner manual that is consistent with our own commitment to promote the responsible manufacturing, handling and use of our products. Our information on repair and servicing of vehicles and genuine parts also includes safe use information for service personnel. An end-of-life vehicle may only be disposed of legally in the European Union at an Authorised Treatment Facility (ATF). Vehicle parts should be disposed in accordance with locally applicable laws and local authority guidance.	
Communication of information according to Article 33 REACH	
This product is composed of articles defined under Article 3(3) of the Regulation No. 1907/2006 of the European Parliament and the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). Any supplier shall comply with the duty to communicate information on substances in articles in accordance to Article 33. This product, including any article that the product is composed of, does contain substances meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1% weight by weight (w/w). We inform that lead (CAS-No. 7439-92-1) is used in almost all products categories, primary as alloying element. Recycled aluminum and metals may contain lead as impurity.	
Name of substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1% weight by weight (Typical use according to the REACH Annex XV Dossier)	Location of article containing the substance in the product (Detailed, including optional equipment)
1,2-Dimethoxyethane, ethylene glycol dimethyl ether, EGDME (typically as process solvent and for surface treatment)	Entertainment and Navigation (Anti-theft device) Wheels and tires (Car wheels)
1-Methyl-2-pyrrolidone, NMP (typically for production of electronic equipment and coatings)	Powertrain (Fuel tank with filler pipe)
6,6'-Di-tert-butyl-2,2'-methylene-di-p-cresol (typically for production of polymers and rubbers)	Body (Boot lid latch, locks and fittings, Safety belts) Chassis (Steering column) Electronic (Control units, moduls) Heating and air conditioning (Heater with control, seat heating) Powertrain (Fuel lines, Thermostat and engine mounted cooling lines)
2-Methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (typically used in coatings, paints and fillers)	Body (External fittings) Entertainment and Navigation (Antenna, Central display and control unit, Radio, amplifier, CD-player)
2-Methylimidazole (typically as hardener in epoxy resins and for production of adhesives)	Entertainment and Navigation (Anti-theft device)
4,4'-Isopropylidenediphenol (typically for production of polymers and resins)	Entertainment and Navigation (Radio, amplifier, CD-player)
Bis(α,α-dimethylbenzyl) peroxide (typically used for production of polymers and as a processing aid and cross-linker in polymers)	Chassis (Brake control (Hydraulic system)) Electronic (Front lamp cluster, High-voltage accumulator system, High-voltage battery individual components, Potential equalization, Windshield wipers) Heating and air conditioning (Air conditioner, Auxiliary heater with control elements, Nozzles, flow-out organs) Powertrain (Automatic transmission, Exhaust pipe with catalyst or complete system, DPF, Expansion tank, Oil cooler lines) Powertrain/Chassis (Board equipment) Wheels and tires (Car wheels)
Diazene-1,2-dicarboxamide, ADCA (typically as blowing agent in plastic and rubber manufacturing)	Body (Bodyshell) Electronic (Power distribution box, Jumper cable supports)
Lead monoxide, lead oxide (typically as constituent of electronic components)	Body (Bonnet latch, locks and fittings) Chassis (Self-levelling elements for hydropneumatic system electrical components, Steering column) Communication (Off-hands mobile communication) Drive Assistance (Adaptive cruise control, Heading control, Rear view camera) Electronic (Control units, moduls, Front lamp cluster, High voltage charging electronics, High-voltage accumulator system, High-voltage battery individual components, Instrument cluster, Potential equalization, Rear light cluster, Switch, sensor, Windshield wipers) Entertainment and Navigation (Airbag-releasing device, Antenna, Video and tv-sets) Heating and air conditioning (Heater with control, seat heating) Interior (Mirrors, sun visors, ashtrays, trays) Powertrain (Automatic transmission, Delivery, preparation and content measurement, control units, fuel pump, Electronic switching or control devices, Fuel tank with filler pipe, Sensor for injection control unit, Variable valve train)
Diboron trioxide (typically for production of borosilicate and crystal glass)	Body (Windshield and rear window) Chassis (Self-levelling elements for hydropneumatic system electrical components) Drive Assistance (Adaptive cruise control, Heading control, Rear view camera) Electronic (Front lamp cluster, High voltage charging electronics, High-voltage accumulator system, High-voltage battery individual components, Potential equalization, Rear light cluster) Entertainment and Navigation (Airbag-releasing device, Video and tv-sets) Heating and air conditioning (Heater with control, seat heating) Interior (Front seats, Mirrors, sun visors, ashtrays, trays) Powertrain (Electronic switching or control devices, Transfer box, Variable valve train)
Decamethylcyclotrisiloxane (typically as feedstock for the production of silicone polymers)	Electronic (Auxiliary cable, High-voltage accumulator system, High-voltage battery individual components) Interior (Mirrors, sun visors, ashtrays, trays) Powertrain (Expansion tank, Ignition coil)
Dodecamethylcyclohexasiloxane (typically as feedstock for the production of silicone polymers)	Electronic (High-voltage accumulator system, High-voltage battery individual components) Powertrain (Carbon canister ventilation, Expansion tank, Ignition coil)
Imidazolidine-2-thione (typically for production of polymers and rubbers)	Body (Bumper rear) Chassis (Rear axle suspension)
Octamethylcyclotetrasiloxane (typically as feedstock for the production of silicone polymers)	Electronic (Auxiliary cable, High voltage charging electronics, High-voltage accumulator system, High-voltage battery individual components) Heating and air conditioning (Heater with control, seat heating) Interior (Mirrors, sun visors, ashtrays, trays) Powertrain (Carbon canister ventilation, Expansion tank, Ignition coil)
2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol (typically as flame retardant and as additive in plastics and resins)	Drive Assistance (Heading control) Electronic (Brake lights, Switch, sensor) Entertainment and Navigation (Airbag-releasing device, Radio, amplifier, CD-player) Powertrain (Delivery, preparation and content measurement, control units, fuel pump, Injection nozzles and tubing)
Melamine (typically used in coatings, inks, resins and polymers)	Chassis (Steering column) Drive Assistance (Adaptive cruise control) Electronic (High voltage charging electronics, Switch, sensor) Entertainment and Navigation (Central display and control unit) Interior (Front door trim panel with armrests)
Bumetrizole (typically as plasticizer for production of polymers and paints)	Body (Bumper rear, Window mechanism with electrical control in front door, Window mechanism with electrical control in rear door) Chassis (Brake control (Hydraulic system)) E-Drive (Drive for window lifter) Heating and air conditioning (Air conditioner) Interior (Mirrors, sun visors, ashtrays, trays, Sliding roof) Powertrain (Ventilation, evaporation emission control)
2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (typically as dispersing agent in coatings, adhesives, sealants, printing inks, fillers)	Body (Air guides, Bumper front, External fittings) Chassis (Steering column) Communication (Off-hands mobile communication) Drive Assistance (Adaptive cruise control) Electronic (Brake lights, Front lamp cluster, Inner lights, Switch, sensor) Entertainment and Navigation (Central display and control unit, Radio, amplifier, CD-player, Video and tv-sets) Heating and air conditioning (Heater with control, seat heating, Nozzles, flow-out organs) Interior (Side trim panel with armrests)
2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone (typically for adhesives, sealants, coatings and inks)	Drive Assistance (Rear view camera) Electronic (Control units, moduls)
Bis(2-(2-methoxyethoxy)ethyl)ether, tetraglyme (typically as process solvent)	Electronic (Horn)
The information provided in this document related to material and substance content represents our knowledge and belief, which may be based in whole or in part on available information provided by suppliers to us. Additional information: Certain inorganic oxides are bound in glass or ceramic matrices that change their individual substance properties as well as their communication duties under REACH. Similar changes occur with certain precursors that are bound in polymers.	